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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER 9501-78606</b>
INTERNATIONAL APPLICATION NO. PCT/EP2004/003088	INTERNATIONAL FILING DATE 24 March 2006	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/550,745
PRIORITY DATE CLAIMED 26 March 2003		
TITLE OF INVENTION <b>MOTOR VEHICLE</b>		
APPLICANT(S) FOR DO/EO/US <b>ARVINMERITOR EMISSIONS TECHNOLOGIES GMBH et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/550,745	INTERNATIONAL APPLICATION NO. PCT/EP2004/003088	ATTORNEY'S DOCKET NUMBER 9501-78606		
<p>20. <input checked="" type="checkbox"/> Other items or information:</p> <p><b>Certificate Under 37 C.F.R. 1.10</b></p> <p><b>Response to Notification of Missing Requirements Under 35 U.S.C. 371</b></p> <p><b>Statement Under 37 CFR 3.73(b)</b></p> <p><b>Copy of Notification of Missing Requirements Under 35 U.S.C. 371</b></p>				
The following fees are submitted:		CALCULATIONS	PTO USE ONLY	
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) . . . . .		\$300	\$ 0.00	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) . . . . .		\$0		
All other situations. . . . .		\$200	\$ 0.00	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) . . . . .		\$0		
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority . . . . .		\$100		
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB . . . . .		\$400		
All other situations . . . . .		\$500	\$ 0.00	
<b>TOTAL OF 21, 22 and 23 =</b>		\$	\$ 0.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in electronic medium) (37 CFR 1.492(l)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
- 100 =	0 /50 =	0	x \$250.00	\$ 0.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$	\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	- 20 =	0	x \$50.00	\$ 0.00
Independent claims	- 3 =	0	x \$200.00	\$ 0.00
Multiple Dependent Claims (if applicable) <input type="checkbox"/>		+ \$360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$	\$130.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		\$	\$0.00	
<b>SUBTOTAL =</b>		\$	\$130.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		+	\$	
<b>TOTAL NATIONAL FEE =</b>		\$	\$130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+	\$	
<b>TOTAL FEES ENCLOSED =</b>		\$	\$130.00	
		Amount to be refunded:	\$	
		Amount to be charged:	\$	

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

a.  A check in the amount of \$ \$130.00 to cover the above fees is enclosed.

b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 10-0435. A duplicate copy of this sheet is enclosed.

d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Shawn D. BAUER  
Barnes & Thornburg LLP  
11 South Meridian Street  
Indianapolis, IN 46204  
US



SIGNATURE

Shawn D. BAUER

NAME

41,603  
REGISTRATION NUMBER

**BARNES & THORNBURG LLP**

IN THE UNITED STATES PATENT OFFICE

*Earliest Priority*      26 March 2003 (26.03.03)  
*Date:*

*International Serial No.:*      PCT/EP2004/003088

*U.S. Serial No.:*      10/550,745

*Confirmation No.:*      6070

*Invention:*      MOTOR VEHICLE

*Applicant:*      STAMMEL, Reinhold Hermann;  
RUTH, Wolfgang

*International Filing Date:*      24 March 2004 (24.03.04)

*Attorney Docket:*      9501-78606

11 South Meridian Street  
Indianapolis, Indiana 46204  
(317) 236-1313  
(317) 231-7433 Fax

**Certificate Under 37 CFR 1.10**

Express Mail No.: EV 417058748 US

Date of Mailing: 06 July 2006

I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date above and is addressed to the Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

  
(Signature)

**Ernest A. Carlson**

(Typed or Printed Name of Person Mailing Paper or Fee)

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
UNDER 35 U.S.C. 371 IN THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Attn: DO/EO/US  
Mail Stop: PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed 10 May 2006 (10.05.06), applicants submit herewith:

1. Check in the amount of \$130.00.
2. Declaration for Patent Application, signed by applicants; and
3. Statement Under 37 CFR 3.73(b).
4. Copy of a Power of Attorney executed by ArvinMeritor Emissions Technologies GmbH
5. Copy of Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US).

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 10-0435 referencing attorney docket 9501-78606. A duplicate of this Response is enclosed.

Respectfully submitted,



Shawn D. Bauer  
Atty. Reg. No. 41603  
Attorney for Applicants

Attachments: Declaration for Patent Application  
an original Statement Under 37 CFR 3.73(b).  
Copy of Notification of Missing Requirements Under 35 U.S.C. 371 in the  
United States Designated/Elected Office (DO/EO/US)

SDB/ezc/818924  
Indianapolis, Indiana 46204  
(317) 231-7771

Express Mail EV 417058748 US



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/550,745	Reinhold Hermann Stammel	9501-78606

INTERNATIONAL APPLICATION NO.

PCT/EP04/03088

I.A. FILING DATE	PRIORITY DATE
03/24/2004	03/26/2003

Kevin D Bailey  
 Barnes & Thornburg  
 11 South Meridian Street  
 Indianapolis, IN 46204

RECEIVED

MAY 16 2006

CONFIRMATION NO. 6070

BARNES &amp; THORNBURG

371 FORMALITIES LETTER



\*OC000000018743164\*

Date Mailed: 05/10/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/23/2005
- English Translation of the IA filed on 09/23/2005
- Copy of the International Search Report filed on 09/23/2005
- Preliminary Amendments filed on 09/23/2005
- Information Disclosure Statements filed on 09/23/2005
- U.S. Basic National Fees filed on 09/23/2005
- Priority Documents filed on 09/23/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

*SEARCHED*  
 FOR MIS/Res  
 MAILED  
 18 MAY 06  
 C.R.  
 DPO

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHELBY J VIGIL

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Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/550,745	PCT/EP04/03088	9501-78606

FORM PCT/DO/EO/905 (371 Formalities Notice)

BARNES & THORNBURG LLP

11 South Meridian Street  
Indianapolis, Indiana 46204  
(317) 236-1313  
(317) 231-7433 Fax

IN THE UNITED STATES PATENT OFFICE

*Earliest Priority*      26 March 2003 (26.03.03)  
*Date:*

*International Serial* PCT/EP2004/003088  
*No.:*

*U.S. Serial No.:* 10/550,745

*Invention:* MOTOR VEHICLE

*Applicant:* STAMMEL, Reinhold Hermann;  
RUTH, Wolfgang

*International Filing* 24 March 2004 (24.03.04)  
*Date:*

*Attorney* 9501-78606  
*Docket:*

**CERTIFICATE UNDER 37 C.F.R. § 1.10**

MAIL STOP PCT  
Attention: DO/EO/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Express Mail" Mailing Label No.: EV 417058748 US  
Date of Deposit: 06 July 2006 (06.07.06)

I hereby certify that this paper or fee is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450.

  
Ernest A. CARLSON

Indianapolis, Indiana  
(317) 231-7287